

RESEARCH, DEVELOPMENT & TECHNOLOGY TRANSFER QUARTERLY PROGRESS REPORT

Wisconsin Department of Transportation
DT1241 02/2011

INSTRUCTIONS:

Research project investigators and/or project managers should complete a quarterly progress report (QPR) for each calendar quarter during which the projects are active.

WisDOT research program category: <input type="checkbox"/> Policy research <input type="checkbox"/> Other <input checked="" type="checkbox"/> Wisconsin Highway Research Program <input type="checkbox"/> Pooled fund TPF#		Report period year: 2012 <input checked="" type="checkbox"/> Quarter 1 (Jan 1 – Mar 31) <input type="checkbox"/> Quarter 2 (Apr 1 – Jun 30) <input type="checkbox"/> Quarter 3 (Jul 1 – Sep 30) <input type="checkbox"/> Quarter 4 (Oct 1 – Dec 31)
Project title: Evaluation of Thin Polymer Deck Overlays and Deck Sealers		
Project investigator: Habib Tabatabai	Phone: 414-229-5166	E-mail: ht@uwm.edu
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WisDOT contact: Travis McDaniel	Phone:	E-mail: Travis.McDaniel@dot.wi.gov
WisDOT project ID: 0092-12-06	Other project ID:	Project start date: 9/1/2011
Original end date: 8/31/2014	Current end date: 8/31/2014	Number of extensions: 0

Project schedule status:

☒ On schedule ☐ On revised schedule ☐ Ahead of schedule ☐ Behind schedule

Project budget status:

Total Project Budget	Expenditures Current Quarter	Total Expenditures	% Funds Expended	% Work Completed
\$166,992.00	\$7,815.00	\$19,902.00	11%	12%

Project description:

This project explores the waterproofing capabilities, durability, and additional benefits of utilizing thin polymer overlays on bridge decks in Wisconsin. In this research we will compare performance of thin polymer overlays with conventional deck sealers, polymer modified asphaltic concrete overlays, as well as new and emerging technologies to determine the optimal bridge deck maintenance strategy to be employed by WisDOT.

Progress this quarter (includes meetings, work plan status, contract status, significant progress, etc.):

A presentation to the project panel was made on February 29, 2012. A summary of results so far was presented. The project panel decided to modify the task 2 (survey). The project team will ask follow up questions from the respondents to the recent NCHRP 39-11 survey instead of performing a new survey. Furthermore, the project panel agreed to allow the research team to begin some work in Task 4 early. However, material selections will not be made in the early time frame. Work on Task 3 commenced.

Anticipated work next quarter:




Continue work on Tasks 2, 3 and 4. A draft report on Task 3 will be submitted.

Circumstances affecting project or budget:

None.

Attach / insert Gantt chart and other project documentation

Year	2011				2012												2013												2014											
Month	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08				
Task 1																																								
Task 2																																								
Task 3									R		F																													
Task 4																																								
Task 5																																					R		F	

 Original Plan
 Revised – Panel meeting of 2/29/2012
 Work Performed

R Submittal of draft report
F Submittal of final report

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Staff receiving QPR:	Date received:
Staff approving QPR:	Date approved: